



PATENT
Attorney Docket 3501-1097

#5

IN THE U.S. PATENT AND TRADEMARK OFFICE

In re application of

Timo PULLI et al.

Conf. 5730

Application No. 10/535,260

Group 1645

Filed May 18, 2005

NON-COMPETITIVE IMMUNOASSAY FOR SMALL ANALYTES

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

August 17, 2005

Sir:

In compliance with Rules 1.97 and 1.98, and in fulfillment of the duty of disclosure under Rule 1.56, the cited documents are made of record on the enclosed PTO Form-1449.

A concise explanation of the relevance of these items is that these references were cited in the corresponding International Application Serial No. PCT/FI 2003/000875, filed November 17, 2003, and the corresponding Finnish application Serial No. 20022048, filed November 18, 2002. A copy of each of the two Search Reports in which they were cited is attached hereto.

A concise explanation of the relevance of the remaining items is that we are advised by our client that

these references were discovered during any searches they or their client had made, or that they were considered in the preparation of the application

Respectfully submitted,

YOUNG & THOMPSON



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INFORMATION DISCLOSURE CITATION IN AN APPLICATION

(Use several sheets if necessary)

Attorney Docket No.:

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10/535,260

Applicant:

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Group Art Unit:

1645

U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing date (if appropriate)
	6,326,159	12/04/2001	Ullman et al.			

FOREIGN PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No
	2001-174460	06/2001	Japan			Abst.	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	Ullman, Edwin F. et al., "Anti-immune complex antibodies enhance affinity and specificity of primary antibodies", <u>Proc. Natl. Acad. Sci.</u> , Vol. 90, February 1993, pp. 1184-1189.
	Little, M. et al., "Generation of a large complex antibody library from multiple donors", <u>Journal of Immunological Methods</u> 231, (1999) 3-9.
	Tiivistelma Biosis PREV 198681092402, Immunological investigations, vol. 14 s. 523-540, Bolger et al.
	Tiivistelma Biosis PREV2002---8960, Biosensors & Bioelectronics, vol. 16, s. 639-646, Charlton et al.

EXAMINER:

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

* Abstract provided for the Examiner's convenience

(Use several sheets if necessary)

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U.S. PATENT DOCUMENTS

[illegible]

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Examiner Initial	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No
						Abst.	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	Barbas, C. et al., "Assembly of combinatorial antibody libraries on phage surfaces: The gene III site", <u>Proc. Natl Acad. Sci.</u> , Vol. 88, pp. 7978-7982, Sept. 1991.
	Hemmilä, I. et al., "Homogeneous time-resolved fluoroimmunoassay of Thyroxin in serum", <u>Clinical Chemistry</u> , Vol. 34, No. 11, 1988, p. 2320-2322.
	Hoogenboom, H.R. et al., "Antibody phage display technology and its applications", <u>Immunotechnology</u> 4 (1998) 1-20.
	Kobayashi, N. et al., "Monoclonal antibodies generated against an affinity-labeled immune complex of an anti-bile acid metabolite antibody: an approach to noncompetitive hapten immunoassays based on anti-idiotypic or anti-metatype antibodies", <u>Journal of Immunological Methods</u> , 245 (2000) 95-108.
	Kohler, G. et al., "Continuous cultures of fused cells secreting antibody of predefined specificity", <u>Nature</u> , Vol. 256, August 7, 1975, p. 495-497.
	Mares, A. et al., "A direct non-competitive idiometric enzyme immunoassay for serum oestradiol", <u>Journal of Immunological Methods</u> 181 (1995) 83-90.
	Maruyama, H. et al., "Immunization procedures for anti-idiotypic antibody induction in mice and rats", <u>Journal of Immunological Methods</u> 264 (2002) 121-133.

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